

COATING DEVICE

Publication number: JP11204416

Publication date: 1999-07-30

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Classification:


- international: G03F7/16; B05C11/08; B05C11/10; H01L21/00; H01L21/027; B05C11/08; G03F7/16; B05C11/08; B05C11/10; H01L21/00; H01L21/02; B05C11/08; (IPC1-7): H01L21/027; B05C11/08; G03F7/16

- european: B05C11/10F; B05C11/10G; H01L21/00S2V; H01L21/00S8B

Application number: JP19980007919 19980119

Priority number(s): JP19980007919 19980119; US19990231659 19990115

Also published as:

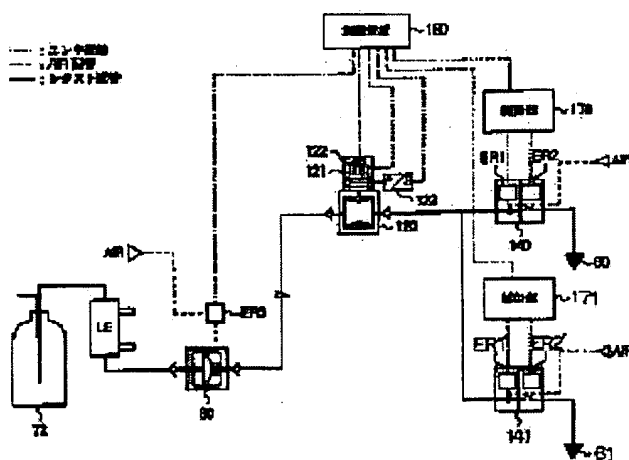
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Abstract of JP11204416

PROBLEM TO BE SOLVED: To provide a coating device wherein the delay time till a valve operates is shortened and a discharge pump and the valve are operated at optimum timings.

SOLUTION: Electro-pneumatic regulators ER1 and ER2 which is small and fast in response speed are used as a speed controller for controlling opening/ closing speed of an on-off valve AV and a suck back valve SV for shorter entire flow-channel, this a delay time till a valve operates is shortened. The pressure of resist liquid discharged from a discharge pump 120 is detected by a pressure sensor 123 and operation of the discharge pump 120, the on-off valve AV, and the suck back valve SY is controlled through a control device 180, so that they are operated at optimum timing for preventing generation of particles due to dropping of resist liquid from the tip end of a resist nozzle 60.



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